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ESTABLISHED 1882,

By R. T. Thompson.

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ISLAND SEED CO.'S
CATALOGUE

Garden, Farm and
..... Flower Seeds

131 W. 2nd St., MUSCATINE, IOWA

Liberal Discounts on Vegetable Seeds in Packets.

To induce our patrons to form clubs to purchase seeds in quantity, we offer the following liberal discounts on Vegetable Seeds in Packets:

Purchaser remitting \$1.00 may select vegetable seeds in packets amounting to \$1.25	
2.00	2.50
3.00	3.75
4.00	5.00
5.00	6.25

We wish it distinctly understood that the discount allowed is for Vegetable Seeds in Papers only, and not for collections of seeds or seeds by weight or measure.

Liberal Discounts on Flower Seeds in Packets.

To induce our patrons to form clubs to purchase seeds in quantity, we will offer the following liberal discounts on Flower Seeds in packets:

Purchaser remitting \$1.00 may select Flower Seeds in papers amounting to \$1.25	
2.00	2.50
3.00	3.75
4.00	5.00
5.00	6.25

The discount allowed is for Flower Seeds in packets only, and not for collections of Flower Seeds, or Flower Seeds by weight.

OUR GREAT \$1 COLLECTION OF GARDEN SEEDS.

To aid our readers who are not acquainted with the merits of the various varieties, in making a selection of the best sorts for an average kitchen garden, we give here a list of 33 well-tried standard sorts, and the most desirable of the new kinds, sufficient to furnish vegetables throughout the year. You will make no mistake in planting the varieties here mentioned. Remember, on receipt of \$1 we will send the complete collection, 1 full-sized packet each, of all the 33 varieties here listed, postpaid!

GARDEN COLLECTION NO. 1.

Beans, Golden Wax; Beans, Round Pod Six Weeks; Beet, Edmand's Blood Turnip; Cabbage, Early Jersey Wakefield, select; Cabbage, Burpee's Surehead; Celery, Henderson's White Plume; Celery, Giant Pascal; Corn, Extra-Early Sugar Corn, Shoe Peg; Carrot, Danvers Select; Cucumber, Green Prolific; Cucumber, Extra Long White Spine; Lettuce, Dutch Butterhead; Lettuce, Black-Seeded Simpson; Musk Melon, Nettle Gem; Musk Melon, Giant Chicago Market; Water Melon, Kolb's Gem; Water Melon, Johnson's Dixie; Onion, Red Victoria; Onion, Prizetaker; Parsnip, Improved Hollow Crown; Parsley, Champion Moss Curled; Peas, Maud S.; Peas, Telephone; Pumpkin, New England Sugar; Radish, Early Island Bright Scarlet; Radish, Brightest Long Scarlet; Radish, White Summer; Salsify, Mammoth Sandwich Island; Squash, Crookneck; Squash, Hubbard; Turnip, White Egg; Tomato, New Stone, and one packet Flower Seeds. 33 packages of new and standard varieties of Vegetable Seeds and 1 packet of Flower Seeds for \$1, by mail, postpaid.

SPECIAL OFFER.—Those who have never tried our seeds, and who do not want the entire collection, can make their own choice of 22 varieties from the list of 23 sorts for 50 cts. We make this special offer to induce you to give our Vegetable Seeds a trial, having all confidence that on trial you will become a regular customer.

GARDEN COLLECTION NO. 2.

16 Packets for 50 cts.

Bean, Round Pod Six Weeks;	Celery, White Plume;	Parsnip, Improved Hollow
Beet, Edmand's Blood Turnip;	Lettuce, Dutch Butterhead;	Crown;
Cabbage, Burpee's Surehead;	Musk Melon, Giant Chicago	Peas, Maud S.;
Carrot, Danvers Select;	Market;	Radish, Chertier;
Corn, Sweet, Shoe Peg;	Water Melon, Kolb's Gem;	Tomato, New Stone, and 1 pkt
Cucumber, White Spine, ex long;	Onion, Prizetaker;	of Flower Seeds.

GARDEN COLLECTION NO. 3.

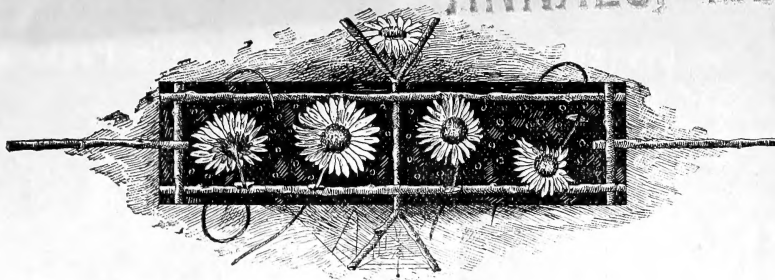
8 packets for 25 cts.

Beet, Edmand's Blood Turnip;	Lettuce, Dutch Butterhead;	Onion, Red Victoria;
Carrot, Half-Long Danvers;	Water Melon, Kolb's Gem;	Radish, Chertier;
Cucumber, Ex. Long W. Spine;	Musk Melon, Giant Chi. Mkt.;	

SELECTED COLLECTION OF FLOWER SEEDS.

Containing 20 choicest varieties, 1 packet of each. Price \$1. Containing 20 of the most beautiful annuals and biennials. Below find list of contents. We give a very choice assortment, and more than value of the money.

Aster Trautaut's Perfection, Double Mixed; Balsam, Rose-flowered, Double Mixed; Coxcomb, Feathered, Mixed; Chinese Diadem Pink, Mixed; Jacobaea, Double Mixed; Marigold, French, Double Mixed; Mignonette, Golden Queen; Pansy, Large-Flowering, Mixed; Petunia, Choice Large-Flowering, Mixed; Phlox Drummondii, Large-Flowering, Mixed; Portulacca, Double Mixed; Salpiglossis, Choice Mixed; Ten Weeks Stock, Large-Flowering, Double Mixed; Verbena, Large-Flowering, Choice Mixed; Zinnia Elegans, Double Mixed; Cypress, Fine Mixed; Sweet Peas, Eckford's Mixed; Nasturtium, Tall Mixed; Helichrysum, Everlasting Flower, Choice Mixed; Carnation, Margaret, Double Mixed.



To Friends and Patrons.



WE TAKE PLEASURE in presenting herewith as accurate, methodical and conservative a Catalogue as space permits. Necessarily it is incomplete. Many varieties of seeds in our stock are entirely omitted here, and in the case of *any novelty* or stock sort not here enumerated, you have only to make your wishes known to secure from us a prompt supply, as we have the best facilities in the direc-

tion of securing true stocks of any seeds, new or unusual. We submit our stocks to rigid tests, and our uniform success in satisfying our patrons is gratifying proof of their general efficiency, and especially of their truth to name and great vitality.

We trust you will continue your orders with us, and submit our address to your friends, to whom we will gladly supply the Annual on application. At all times our best service will be given for any commands you may favor us with.

Very truly,

**ISLAND SEED CO.,
Muscatine, Iowa.**

Shopping by Mail. Seeds can be sent by mail to any part of the United States, in packages of four pounds and under, with both promptness and safety; therefore, customers located in the most remote parts of the country can just as readily obtain our seeds as those residing in our city.

Seeds Postpaid by Mail. In considering our prices, both of New and Standard Vegetable and Flower Seeds, please bear in mind that *we pay the postage* on all Flower and Vegetable Seeds by the packet, ounce, pound, pint or quart. Seeds sold by the peck or bushel will be sent by freight or express at the buyer's expense. We furnish bags or boxes free at prices named. If ordered without particular directions, we will ship according to our judgment, having in view the best interests of our customers. All seeds are selected with the greatest care, but we give no warranty, either expressed or implied.

No Goods Sent C. O. D. Unless sufficient money to cover transportation charges both ways is enclosed with order.



Vegetable Seeds.

ARTICHOKE, JERUSALEM.

In repute as an edible tuber. Bushel, \$2.50.

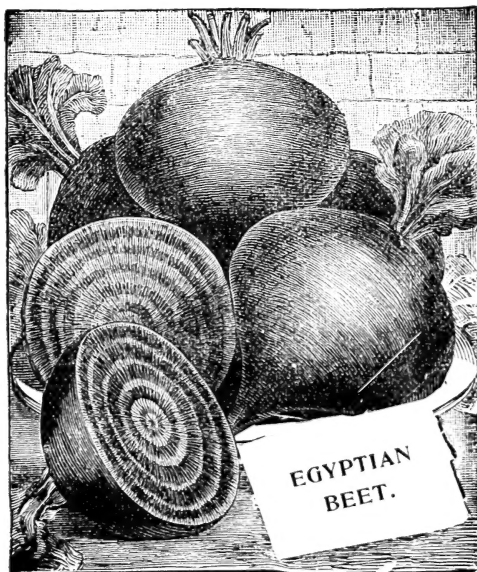
ASPARAGUS.

German, Spargel.

Per packet, 5 cts.	Oz.	¼lb.	Lb.
Conover's Colossal . . .	\$0 05	\$0 15	\$0 35
Palmetto	08	25	75

ASPARAGUS ROOTS.

One and 2 years old. 1-year-old roots, per 100, 50 cts.; 2-year-old roots, per 100, 75 cts.; per 1,000, \$5. Not postpaid.



BEANS, BUSH OR DWARF.

[German, Busch Bohnen.

3 quarts of seed to 100 yards of row.

	½ pint	1 Pint	Qt.
Improved Early Red Valentine	\$0 12	\$0 20	\$0 35
Early Yellow Six Weeks	12	20	35
Kidney, Wardwell's	12	20	35
Improved Dwarf Black Wax	12	20	35
Improved Golden Wax	12	20	35
White Wax	12	20	35
Pure White Navy	10	20	30
Burpee's Bush Lima	25	40	75

POLE OR RUNNING.

German, Stangen Bohnen.

3 pints of seed to 100 yards of row.

Plant when the apple is in bloom; set poles 4 x 4 feet; tie up the tendrils as often as necessary.

	½ pint	1 Pint	Qt.
Jersey Lima	\$0 15	\$0 25	\$0 40
Creaseback, or Fat Horse	12	20	35
Dutch Case-Knife	12	20	35
Lazy Wife's	20	35	65
Red-Speckled, Oval Seeded	15	25	40
Field Corn Bean	15	25	40

BEETS.

German, Rother Rüben.

5 ounces of seed to 100 yards of row.

	Oz.	¼lb.	Lb.
Eclipse. Extra-early	\$0 08	\$0 15	\$0 40
Egyptian	10	15	40
Early Blood Turnip	08	15	40
Long Smooth Dark Red	08	15	40

MANGEL-WURZEL.

German, Muntel Rübe.

	Oz.	¼lb.	Lb.
Yellow Globe	\$0 05	\$0 10	\$0 30
Long Red	05	10	30
Golden Tankard	05	10	30

BORECOLE, OR KALE.

German, Blätter Kohl.

Packet, 5 cts.	Oz.	¼lb.	Lb.
Green Curled Scotch	\$0 10	\$0 30	\$1 00
Dwarf Curled German Greens	10	30	1 00

BROCCOLI.

German, Spargel Kohl.

Packet, 10 cts.	Oz.	¼lb.
Early Purple Cape	\$0 20	\$0 60
Early White Cape	25	75

BRUSSELS SPROUTS.

German, Kopf Kohl; Grüner Kohl.

1 ounce of seed to 100 yards of row.

Packet, 5 cts.	Oz.	¼lb.
Improved Dwarf	\$0 10	\$0 35

CARROT.

German, Möhre.

3 ounces of seed to 100 yards of row.

Packet, 5 cts.	Oz.	¼lb.	Lb.
Early Scarlet Horn	\$0 10	\$0 20	\$0 60
Danvers Half Long	10	20	60
Long Orange Imported	10	20	60
Oxheart	10	40	70

THE BEST CARROTS FOR STOCK.

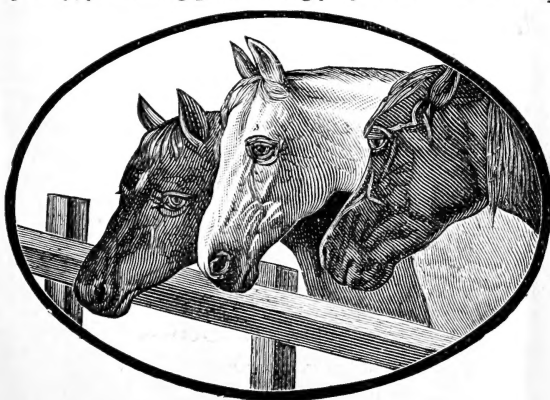
MASTODON CARROT. This is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp, solid and very sweet in flavor. It is a vast improvement on the white and green Belgian sorts, which have been such favorites in the past, as it is not only much more productive, but vastly easier to handle. The roots are short and very heavy at the shoulder, rendering them easily harvested. An important feature, also, is that they do not easily break in pulling or storing. Too much can scarce be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 18 to 25 tons to the acre is not an extravagant statement as to the yield. Price: pkt. 10 cts., ¼ lb. 35 cts., ½ lb. 60 cts., 1 lb. \$1, 5 lbs. \$4.50, by mail, postpaid. Deduct 8 cts. per lb. if sent by express or freight at purchaser's expense.

VICTORIA CARROT. This is the largest and unquestionably the heaviest cropping and most nutritious yellow variety in cultivation. It is the largest and best form of Orange or Yellow Carrot known. The roots are remarkably fine, very symmetrical and of excellent quality, possessing ghil feeding properties. It is a heavy cropper on all soils, but is especially adapted for strong or rich land. It grows fully half as much weight again per acre as the ordinary varieties, and as the roots grow more above the ground, it is much easier to gather the crop. This grand variety is sure to suit every one who grows it. Price: pkt. 10 cts., ¼ lb. 35 cts., ½ lb. 60 cts., 1 lb. \$1, 5 lbs. \$4.50, by mail, postpaid. Deduct 8 cents per lb. if sent by express or freight at purchaser's expense.

*Mangel-Wurzel.***CORN SALAD.**

German, Kerbel.

Packet, 5 cts.	Oz.	¼lb.
Fetticus, or Large Seeded	\$0 05	\$0 15



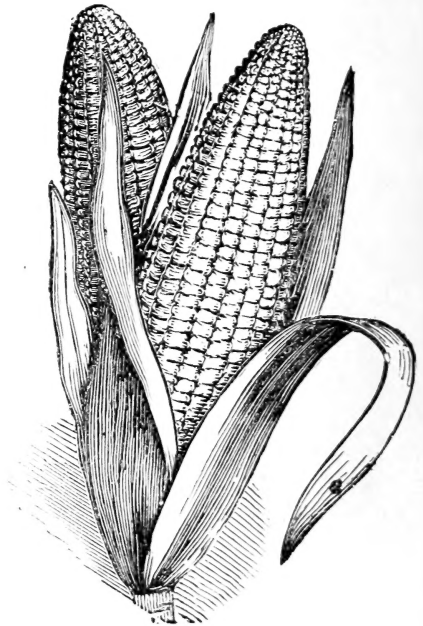
*Henderson's Early Summer.***CABBAGE.**German, *Ropi Rohl*.

One ounce will produce 1,500 plants; 1-2 lb. of seed in beds will transplant one acre.

Packet, 5 cts.	Oz.	¼lb.	Lb.
Extra Early Jersey			
Wakefield, selected . . .	\$0 20	\$0 65	\$1 50
Early Winnigstadt and			
Early York	15	40	1 25
Newark Early Flat Dutch	15	50	1 50
Henderson's Early Summer	15	50	1 50
Burpee's Surehead	15	50	1 50
Nonesuch	20	75	2 00
Succession	20	75	2 00
Premium Large Late Flat Dutch	15	50	1 50
Large Late Drumhead	15	50	1 50
Red Dutch, for pickling	15		

*Paris Golden Self-Blanching.***CELERY.**German, *Sellerie*.

Packet, 5 cts.	Oz.	¼lb.	Lb.
White Plume	\$0 15	\$0 50	\$1 75
Paris Golden Self-Blanching. A new, large, solid golden variety	20	70	2 25
Boston Market. A short, white variety, much esteemed in the New England States. Unquestionably one of the best	15	40	1 25
Giant White Solid	15	40	1 25
Celeriac, or Turnip-Rooted	15	50	1 50

*Sweet Corn.***CORN, SWEET.**German, *Welschkorn*.

1 quart of seed to 100 yards of row.

	½pint	Pint	Qt.
Extra-Early Cory. The earliest	\$0 12	\$0 20	\$0 30
Early Marblehead	12	20	30
Early Minnesota	10	16	30
Moore's Early Concord	12	20	30
Landreth's Sugar. Fine	15	25	35
Stowell's Evergreen	10	20	30
Perry's Hybrid	12	20	30
Burbank's Early Main	12	20	30
Shoe Peg	12	20	35
Mammoth	10	16	30
Country Gentleman	12	20	30
Potter's Excelsior	12	20	30

FIELD CORN.

See list in department of Farm Seeds.

CAULIFLOWER.

German, Blumen Kohl.

1-2 ounce of seed to 100 yards of row.

Packet, 10 to 20 cts. ½oz. Oz.

Henderson's Early Snowball . . \$1 50 \$2 50

Extra Early Erfurt, Best 1 00 1 50

CHICKORY.

German, Kaffe Wurzel.

Packet, 5 cts. Oz. ¼lb.

Large Rooted \$0 08 \$0 20

CRESS, or PEPPER GRASS.

German, Garten Kresse.

Packet, 5 cts. Oz. ¼lb.

Fine Double Curled \$0 10 \$0 25

Fine Single Curled 10 25

*Early Cluster Cucumber.***CUCUMBER.**

German, Gurke.

4 ounces of seed to 100 yards of row.

Large packet, 5 cts. Oz. ¼lb. Lb.

Early Cluster \$0 10 \$0 20 \$0 50

Early Frame 10 20 50

Improved Early White

Spine 10 20 50

Long Green Turkey 10 20 50

Boston Pickle 10 20 60

Gherkin, or Bur. For pick-

ling only 15

EGG-PLANT.

German, Eierfrucht.

Packet, 10 cts. Oz. ¼lb.

New York Improved \$0 20 \$0 90

Landreth's Thornless 25 1 25

New Jersey Improved 20 90

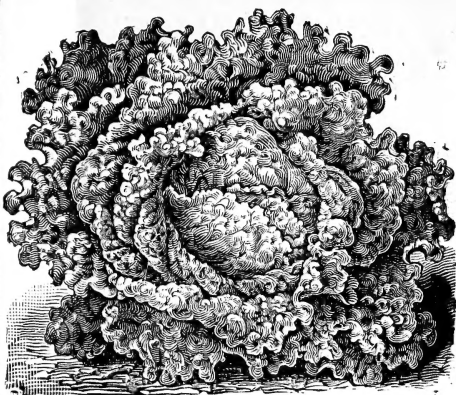
ENDIVE.

German, Endivie.

Packet, 5 cts. Oz.

French Green Curled \$0 25

White Curled 20

*Denver Market Lettuce.***LETTUCE.**

German, Salat.

2 ounces of seed to 100 yards of row.

Packet, 5 cts. Oz. ¼lb. Lb.

Early Curled Simpson . \$0 10 \$0 25 \$0 75

Black-Seeded Simpson . 10 35 85

Speckled Dutch Butter-

head 10 30 60

Boston Market 10 20 60

Hanson 10 25 75

Denver Market 10 30 90

Oak Leaf 10 25 85

KOHLRABI.

German, Kohlrabi.

Packet, 5 cts. Oz. ¼lb.

Early White Vienna \$0 15 \$0 50

Long Green Vienna 15 50

LEEK.

German, Lauch.

Packet, 5 cts. Oz.

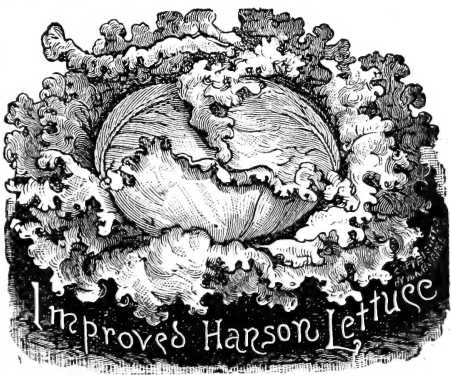
London Flag \$0 10

MUSTARD.

German, Senf.

Packet, 5 cts. Oz. ¼lb. Lb.

White London \$0 05 \$0 15 \$0 35

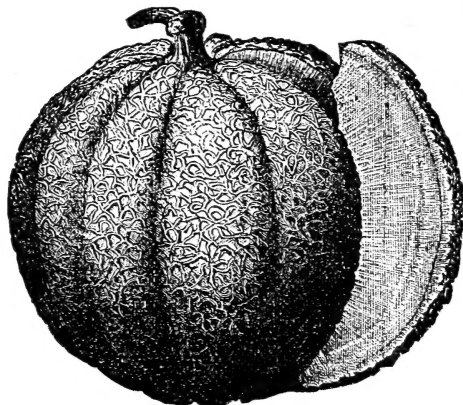


MELON, WATER.

German, Wasser Melone.

2 to 3 pounds per acre is a fair estimate for good seed.

Packet, 5 cts.	Oz.	¼lb.	Lb.
Kolb's Gem. Southern grown	\$0 08	\$0 15	\$0 40
Kolb's Gem. Northern grown	08	15	40
Peerless Early	10	15	50
Dark Green Icing	10	15	50
Dixie	10	25	75
Light Icing	10	15	50
Duke Jones	10	35	1 00

*Extra-Early Hackensack.***MELON, CANTALOUPE OR NUTMEG.**

German, Zuckermelone.

Packet, 5 cts.	Oz.	¼lb.	Lb.
Jenny Lind. Extra early \$0 08	\$0 25	\$0 60	
Extra Early Cantaloupe . 08	25	60	
Netted Gem (Golden) . . . 08	20	50	
Extra Early Hackensack . 08	15	50	
Skillman's Netted 08	20	50	
Surprise 08	20	50	
Osage, or Miller's Cream . 08	15	50	
Champion Market 08	20	65	
California Nutmeg 10	30	90	
Shumway's Giant 08	15	50	
Banana 10	20	65	
Montreal Market 10	15	50	
Irondequoit 15	45	1 50	
Chicago Market 10	15	60	

OKRA, OR GOMBO.

German, Ofra.

Packet, 5 cts.	Oz.	¼lb.
Improved Dwarf. Green . . .	\$0 05	\$0 15

PEPPER.

German, Pfeffer.

Packet, 5 to 10 cts.	Oz.	¼lb.
Large Sweet Spanish	\$0 20	\$0 75
Ruby King	20	75
Golden Dawn, or Bell	20	65
Long Red Cayenne	15	60
Bell, or Bull-Nose	15	65

*Okra.***PUMPKIN.**

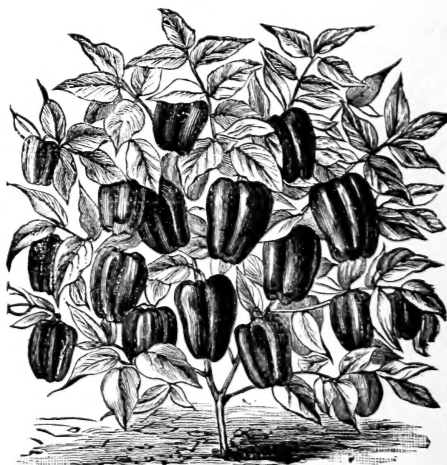
German, Speise Kürbis.

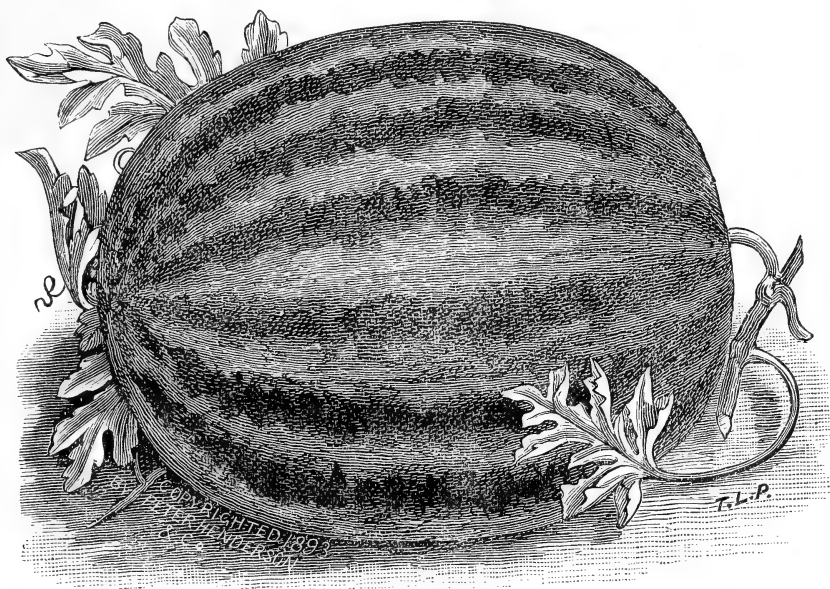
Packet, 5 cts.	Oz.	¼lb.	Lb.
Cushaw Crookneck . . . \$0 10	\$0 20	\$0 60	
New England Sugar . . . 10	25	60	
Connecticut Field 05	10	30	

PARSLEY.

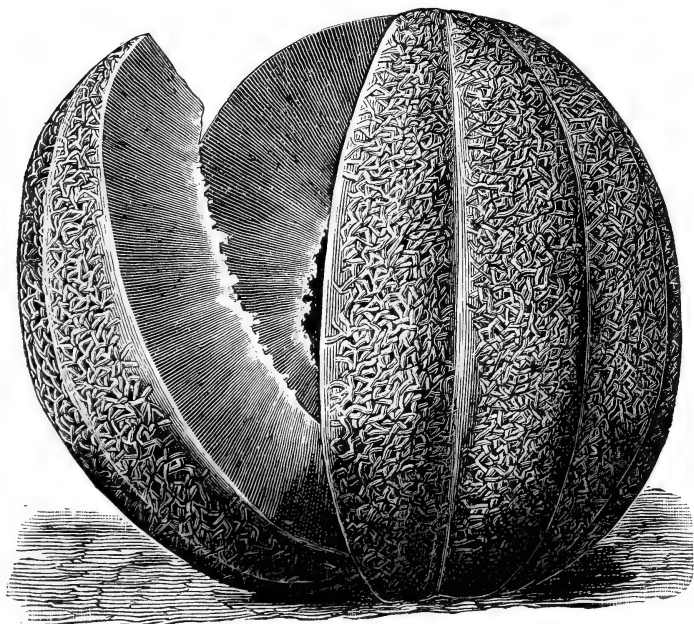
German, Petersilie.

Packet, 5 cts.	Oz.	¼lb.	Lb.
Fine Double Curled . . \$0 10	\$0 30	\$1 20	
Plain, or Single 10	30	1 00	

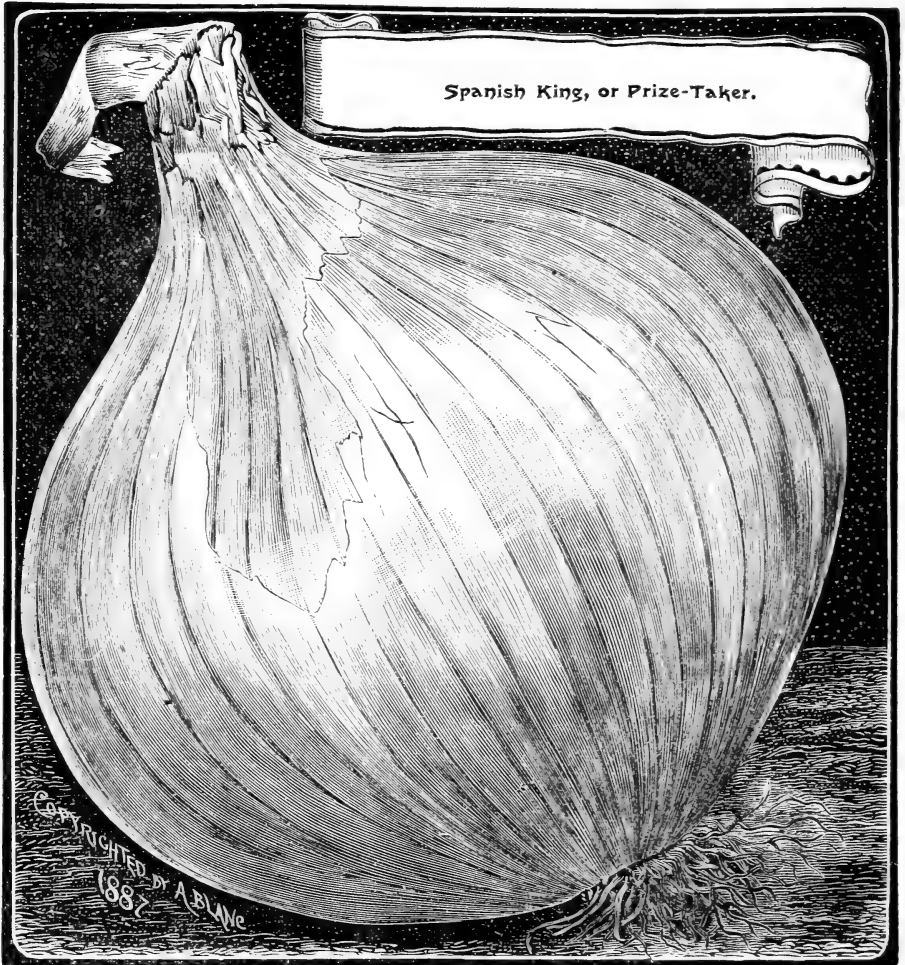
*Ruby King Pepper.*



Kolb's Gem Watermelon. (For price, see page 6.)



Osage Cantaloupe. (For price, see page 6.)



ONION.

German, Zwiebel.

Packet, 5 cts.	Oz.	½lb.	Lb.
Extra-Early Red	\$0 15	\$0 45	\$1 50
Red Globe	15	45	1 50
Yellow Danvers. Flat	15	45	1 50
Yellow Globe Danvers	15	45	1 50
Yellow Strasburg	15	45	1 50
Large Red Weathersfield	15	45	1 50
Spanish King, or Prize-Taker	20	60	2 25
Silverskin	20	60	2 00

ONION SETS.

	Qt.	Peck
Red or Yellow Sets	\$0 35	\$1 50
Top Sets	35	1 50
White, or Silverskin	40	1 75

PARSNIP.

German, Pastinake Wurzel.

Aside from its value as a table vegetable, the Parsnip also furnishes a healthful and nourishing food for stock, and is especially valued for this purpose by dairymen. Sow the seed in drills 15 inches apart, as early as possible in spring, and thin the plants until they are 5 or 6 inches apart in the rows. The roots are improved by frost, and only enough for winter use need be taken up in the fall, leaving the rest in the ground until spring, to be dug up as required.

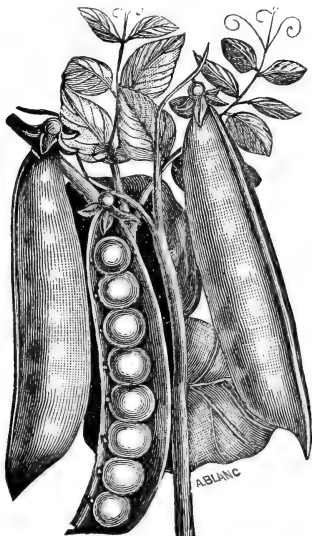
Sugar Cup, or Hollow Crown. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.
 Bloomsdale Parsnip. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60c.

PEAS, DWARF, OR BUSH.

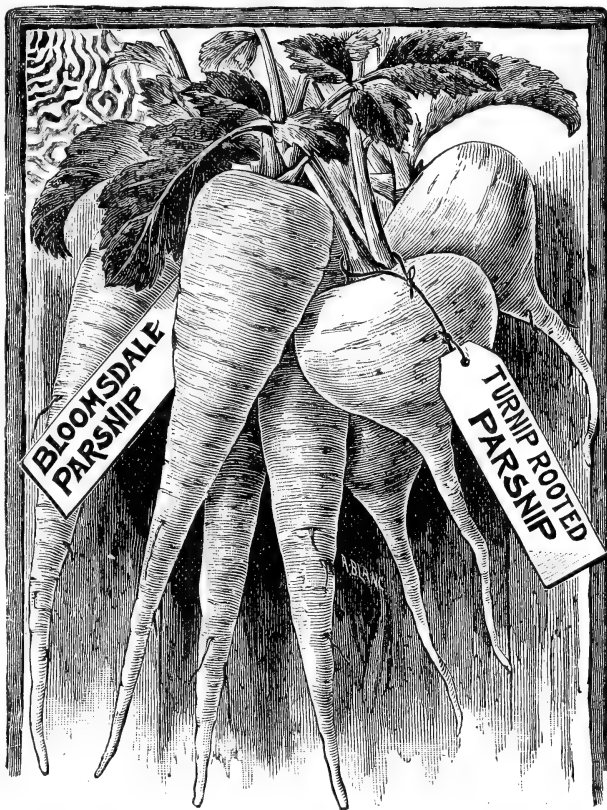
German, Erbsen.

3 quarts of seed to 100 yards of row.

The Pea thrives best in light, loamy soil. The early and dwarf sorts demand rich ground. By sowing for the first crop as early as is practicable, and for succession at intervals of two weeks until the first of June, a good supply of this delicious vegetable may be enjoyed through the greater part of the summer.



Alaska Pea.

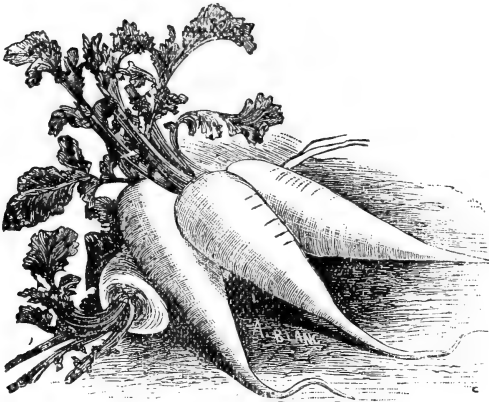


Late sowings, however, do not yield so well as early ones, because the hot and dry weather is unfavorable to the development of Peas.

Packet, 10 cts.	$\frac{1}{2}$ pint	Pint	Qt.
Landreth's Extra-Early.			
Red bags	\$0 12	\$0 20	\$0 35
First and Best	10	20	35
American Wonder	12	20	35
Premium Gem	12	20	35
Alaska	12	20	35
Tom Thumb	12	20	35
Dwarf Sugar	12	20	30
Canada Field	10	15	30
Island Prolific. Introduced by W. H. Grenell. Height 3 feet; double podded; medium late; long, straight pods, 6 to 9 Peas; stubbed, stocky vine, with luxuriant foliage; pods light green; quality superb, not excelled by any Pea, and the largest producer known. The most delicious Pea for table use grown			
	12	20	35

POLE OR RUNNING PEAS.

Packet, 10 cts.	$\frac{1}{2}$ Pint	Pint	Qt.
Pride of the Market	\$0 12	\$0 20	\$0 35
Abundance	12	20	35
Large Telephone	12	20	35
White Marrowfat	10	16	30

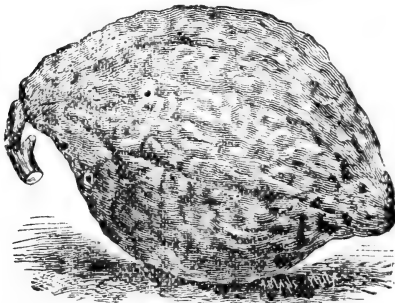
*White Strasburg.***RADISH.**

German, Radies und Rettig.

6 ounces of seed to 100 yards of row.

Sow in a sheltered spot when the cherry is in bloom, the earth being deeply dug, highly fertilized, and raked free from clods and stones. Radishes grown on poor, thin soil cannot be made good; they will be misshapen and tough. To be good, they must be grown quickly.

Packet, 5 cts.	Oz.	¼lb.	Lb.
Early Long Scarlet Short Top	\$0 08	\$0 20	\$0 60
Chartier White Tip	10	20	65
Early Deep Scarlet Turnip-Rooted	08	20	60
Early Deep Red Turnip-Rooted	08	20	65
Early Isl. Bright Scarlet, long	15	35	1 00
French Breakfast	08	20	75
Early White Turnip	10	20	70
Long White Lady Finger	10	20	75
White Strasburg	08	20	65
Giant White Stuttgart	10	20	65
Golden Globe	08	20	60
Chinese Rose, for winter	08	20	50
Long Black Spanish Winter	08	15	50
White Russian Winter	10	20	65

*Hubbard Squash.***RHUBARB.**

German, Rhabarber.

Packet, 3 cts.	Oz.
Linnæus Early Tender	\$0 10

SWEET OR AROMATIC HERBS.

Packet, 5 cts.	Oz.
Sweet Marjoram	\$0 20
Summer Savory	10
Basil, Sweet	15
Caraway	10
Sage Seed	15
Castor Beans	15

SALSIFY OR OYSTER PLANT.

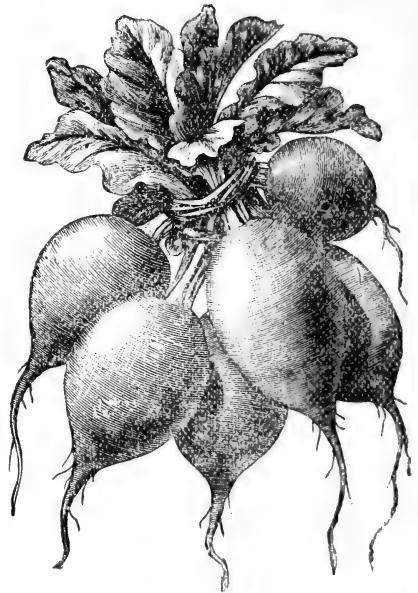
German, Hafer Wurzel.

Packet, 5 cts.	Oz.	¼lb.	Lb.
White French	\$0 10	\$0 30	\$1 00
Mammoth Sandwich Island	10	30	1 00

SPINACH.

German, Spinat.

Packet, 5 cts.	Oz.	¼lb.	Lb.
Round Leaf	\$0 05	\$0 10	\$0 30
Curled	05	10	30

*Golden Globe.***SQUASH.**

German, Speiße Kürbiß.

3 ounces of seed will sow 100 yards.

Packet, 5 cts.	Oz.	¼lb.	Lb.
Early White Bush	\$0 05	\$0 15	\$0 50
Turban	08	20	60
Early Summer Crookneck	08	15	40
Perfect Gem	05	15	50
Hubbard Pure Seed	08	20	60
Large Winter Crookneck	08	20	50

*Acme Tomato.***TOMATO.**

German, Liebesapfel.

1 ounce of seed to 100 yards of row.

	Oz.	¼lb.	Lb.
Packet, 5 cts.			
Paragon	\$0 15	\$0 50	\$1 50
Livingston Perfection	15	50	1 50
Livingston Beauty	15	50	1 50
Livingston Favorite	15	50	1 50
Acme	15	50	1 50

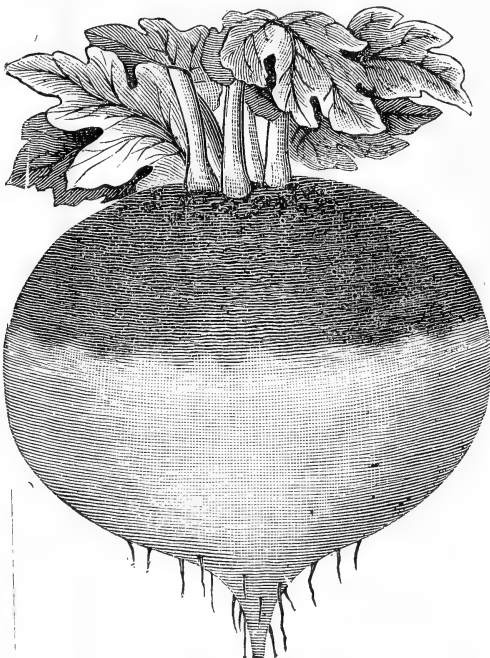
*Purple Top Turnip.*

	Oz.	¼lb.	Lb.
Golden Trophy	\$0 15	\$0 50	\$1 50
New Stone	20	70	2 00
Matchless	20	70	2 00
Ponderosa	25	80	2 50
Tree Tomato	25	1 00	4 50
Yellow and Red Pear	15	60	2 00
Husk Tomato or Ground Cherry	20		

TURNIP.

German, Weiße Rübe.

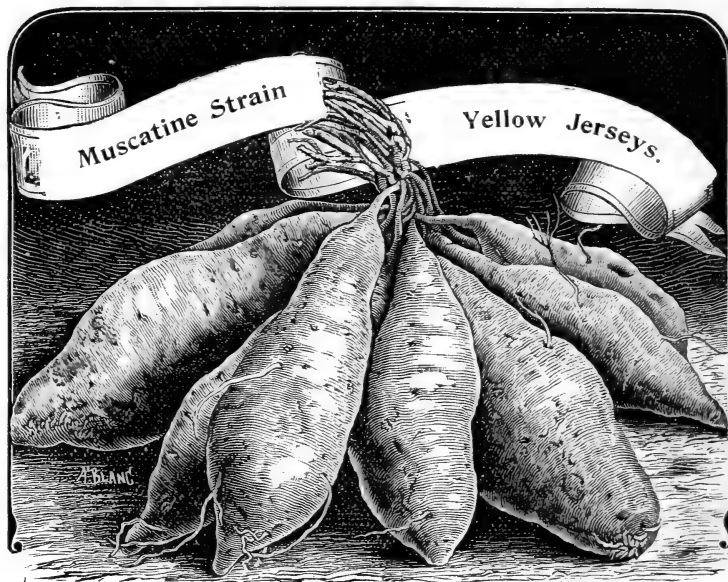
	Oz.	¼lb.	Lb.
Early White Flat Dutch \$0 05	\$0 15	\$0 35	
Early Purple Top	05	15	40
White Egg	05	15	40
Large Late Flat Purple Top	05	15	35
Yellow Aberdeen	05	15	40
Pomeranian White Globe	05	15	40
Snowball	05	15	50

*Ruta-Baga.***RUTA-BAGA.**

	Oz.	¼lb.	Lb.
Prize Winner	\$0 10	\$0 20	\$0 50

BIRD SEED.

	Postpaid.	Lb.
Russian Hemp	\$0 18	
Canary Seed		18
Rape Seed		18
Mixed Bird Seed		18



SWEET POTATO SEED.

	Bbl.
Yellow Jerseys, 1 to 4 bbls.	\$3 50
" " 5 to 9 bbls.	3 35
" " 10 to 19 bbls.	3 20
" " 20 to 29 bbls.	3 10

50 cts. per peck, 85 cts. per 1-2 bus., \$1.50 per bus.

Yellow Nansemond same price as Yellow Jerseys, quoted above.

	Bbl.
Early Golden	\$4 50
Southern Queen	4 50
Bermudas	4 50
Red Nansemond	4 50

75 cts. per peck, \$1.25 per 1-2 bus., \$2 per bus.

Our Sweet Potato Seed is the best that can be procured. Special care is taken, and they come from their winter storage in the best possible shape.

NOTE.—Prices on Sweet Potato Seed are subject to change without notice. Sweet Potato Seed delivered to express company or railroad depot free of charge. No charge for barrel. We will at all times fill orders at lowest market quotations given by any responsible dealer in this city.

PLANTS AND ROOTS.

Asparagus Roots, Cabbage Plants, Tomato Plants, and Sweet Potato Plants, in season, at low prices and prompt shipment, in lots to suit buyers.

RASPBERRIES.

If to go by mail, add 10 cts. per doz., and 25 cts. per 100 for postage.

Souhegan. Early, very prolific; larger and better than Doolittle's Improved. Fruit black, fine quality. 30 cts. per doz., \$1.25 per 100.

NOTICE OUR PRICES.—We have made prices on packets five cents wherever it was possible to do so and give a fair quantity. Our packets are well filled, and we do not think any one would want less than five cents worth of any kind of *vegetable seeds*. When dealers ask a less price they furnish only a small quantity of seeds.

REMEMBER, \$1 buys seeds in packets to the value of \$1.25, \$2 buys to the value of \$2.60, and \$5 will buy \$6.75 worth.

TESTING.—All seeds are carefully tested, and nothing sent out which we do not believe to be good in every respect.

We deal in no fancy colored pictures of impossible grains and vegetables. We ask you to buy seeds, not pictures.

*Sweet Peas.*

Flower Seeds.

SEEDS AND PLANTS.

We do not list all our flower seeds. We keep a very full stock of Henderson's choice seeds, and can fill all orders promptly.

CHOICE VARIETIES OF SWEET PEAS.

	Pkt.	Oz.
Adonis	\$0 05	\$0 15
Apple Blossom	05	15
Blanche Ferry	05	15
Boreatton	05	15
Butterfly	05	15
Crown Princess of Prussia	05	15
Dorothy Tennant	05	15
Emily Henderson. Originator's stock	15	30
Indigo King	10	25
Mrs. Gladstone	05	15
Mrs. Sankey	10	25
Orange Prince	10	25
Painted Lady	10	25
Primrose	05	15
Vesuvius	10	25
Queen of the Isles	10	25
Senator	05	15
Rising Sun	10	25
Mixed, over 30 choicest varieties. $\frac{1}{4}$ lb., 30 cts.	05	15

NOTE. The common and free-seeding varieties, blue and purple, do not predominate in our mixtures, but in ours you will find plenty of bright colors.

NASTURTIUMS.

Tall and Dwarf. Fine mixed bright colors. Per oz. 15 cts.

PANSY SEED IN ALL VARIETIES.

Regular packets of mixed kinds, 5 cts.

PANSY PLANTS IN BLOOM.

Our Pansy plants are finer than any others sold in the west. They are raised in cold-frames, are fine, strong, and in full bloom. Plants are from 5 to 10 inches high, and each plant and root is a full double handful. Pansies should be sent by express. Price per doz., including basket, not prepaid, 50 cts.

*Pansy.*

*Carnation Pink.*

We have also the following plants in stock, all fine and strong. Can be sent safely and expeditiously by express, same as pansies, and will grow and thrive under fair treatment.

CARNATION PINKS. Large bunch, 20c. ea.

VERBENAS. 50 cts. per doz.

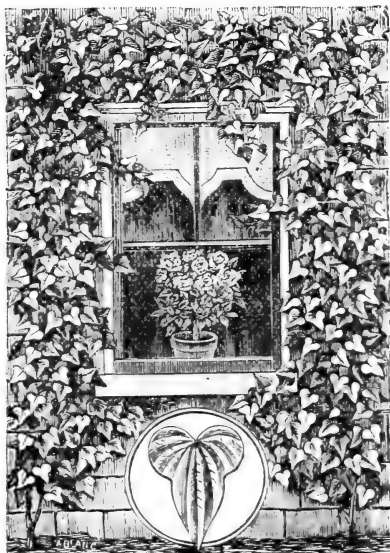
FORGET-ME-NOTS. 35 cts per doz.

GERANIUMS, including pots, \$1.10 per doz.

SALVIAS. 40 cts. per doz.

DAISIES. 35 cts. per doz.

HARDY PRIMROSE. 15 cts. each.

*Cinnamon Vine.*

ROOTS AND BULBS.

During fall months we keep in our store a general assortment of bulbous roots, such as Hyacinths, Lilies, Tulips, Jonquils, Narcissus, etc., all of which we sell at much below florists' prices.

We would call particular attention to our stock of Dwarf Pearl Tuberoses, Gladiolus Bulbs, and other choice flowers for early spring planting. 33 Dwarf Pearl Tuberoses free by mail for \$1, 15 for 50 cts., 6 for 25 cts.

New Early-Flowering Branching Tuberoses "Albino." Bulbs, 5 cts. each.

*Tuberoses.*

THE CINNAMON VINE.

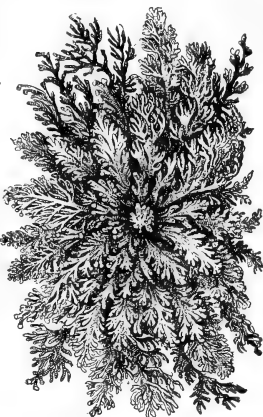
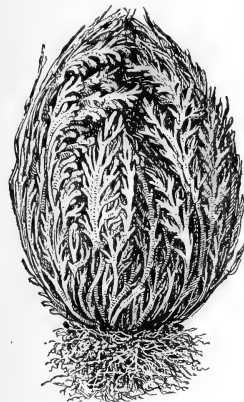
A beautiful climber. Perfectly hardy, the stem dying down every autumn, but growing again so rapidly in the spring as to completely cover any trellis or arbor very early in the season. Planted near a door or window, and trained over and about it, makes an ornament worthy of the admiration of all. We will send 4 nice roots or tubers by mail, postpaid, for 25 cts., 10 roots for 50 cts., or 25 roots for \$1. No order filled for less than 4 roots. We pack them well in strong paper boxes, and guarantee them to reach their destination in good condition.

"The rolling thing before the whirlwind."

THE RESURRECTION PLANT.

(Mentioned by Isaiah in the Bible.)

This shrunken, rounded ball of tightly coiled-up leaflets, dry and apparently dead, will live for hundreds of years without being planted or watered. When immersed in tepid water one frond-like tip unfolds slowly outward, then another, and another, until in a short time the whole plant has resurrected, flattened out into a plate-like shape, and been transformed into a lovely rosette of beautiful velvet green fern-like moss, both odd and marvelous.



If intended to be kept as a novelty, the plant may be resurrected at will indefinitely by taking it out of the water, after being fully opened, and allowing it to dry, curl up, and rest awhile.

It cannot be killed by cold, and will grow nicely if planted in a warm, moist, shady place. Price, 25 cts. each, 6 for \$1. It is a very rare and popular curiosity for mailing; postage, one cent.

Reliable agents wanted in all parts of the United States. Splendid opportunities for canvassers of either sex, in country towns and settlements. Remit one dollar for sample plants and application for local agency.

THE LIVING ROCK

The Wonder of Wonders in the Plant Kingdom. Nature's Living Picture of intricate Carved Stone Work. Will live and bloom for years without being planted or watered. Called by the Indians "The Star Rock," and much used as a medicine.

This rare and marvelous plant is found on the top of arid, barren, rocky, limestone mountains, at great altitudes, in Mexico, where it is too hot and dry in the summer for other vegetation, and too cold in the winter for even animal life; it will live and thrive in all extremes of temperature, and does well in a Northern climate when all the native plants perish from cold. It contains sufficient moisture and substance to furnish a bloom for years without being planted or watered, and will bloom in a trunk, or room, or wherever it may be. It is called "The Living Rock," because it is so very hardy; there is scarcely any kind of neglect or bad treatment that will injure it, unless it be too much water; at its home, sometimes rain does not fall for years. The flower is very beautiful and is described as follows:

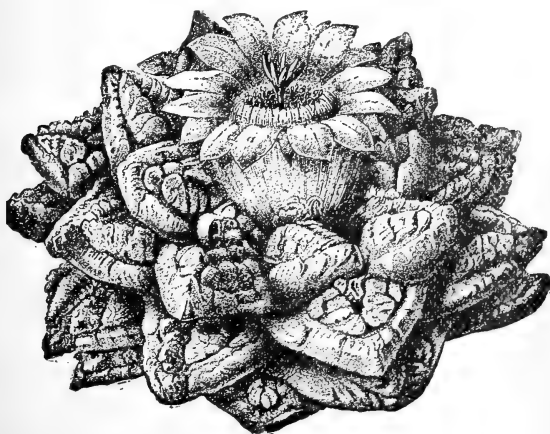
"Flower one inch long and of the same diameter, 12 exterior sepals whitish, fleshy, 8 inner ones spatulate, mucronate, with rose-colored edges; petals about 12 in a single series, rose or pink-colored; stamens numerous, white, with orange anthers; style white, expanding into a funnel-shaped, irregularly parted light yellow stigma. Fruit oval, crowned with the remains of the flower; juicy. Flowers in September and October."

DIRECTIONS FOR POTTING.—Use ordinary garden soil, mixed with about one-third sand, so that the soil may not become stagnant, and it is well to place some small pieces of broken brick or

something in the bottom of the pot in order to insure good drainage. The whole plant should be placed in the soil, with the top of the plant even with the surface of the soil. Water the plant only once in cold weather for the purpose of settling the soil closely around the plant, and then leave the plant alone until warm weather in the summer or until the temperature is high, like in a warm room, when it may be watered as often as once a week. Continuous wet, stagnant soil will soon kill the strongest plant. Enjoys plenty of sun.

The plant is very scarce and extremely difficult to find, being stone-like in appearance and color when dry. Price, 30c. each, or 4 for \$1, postpaid.

It is a most appropriate present for mailing to friends.



Farm Seed Department.

At all prices named in this department, we deliver on board cars and furnish bags, boxes or barrels that are needed to carefully pack the seeds.



Improved Leaming.

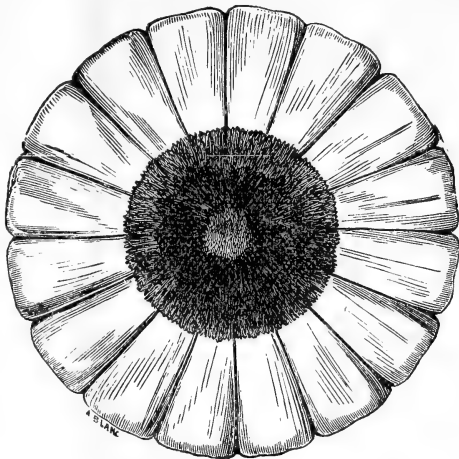
FIELD CORN.

Iowa Gold Mine. Reliability is stamped upon every feature of this Corn. It is a Corn that has not failed to produce a paying crop in the worst Corn year we have seen in Iowa in the past six years, and in favorable seasons yields 50 to 80 bushels per acre of the finest yellow Corn that ever grew inside of Corn husks. We know this Corn will please. We will guarantee a rich harvest of the most superior Corn that grows if Iowa Gold Mine is planted. It is very early, and will mature in northern Ohio, Indiana, Illinois, etc. The grain is very deep, compact and heavy; ears medium to large size; small cob. 70 lbs. of dry Corn on the ear, as our seed ears averaged, shelled, 62 lbs. of Corn, leaving only 8 lbs. of cob. We want every Corn grower to plant some of the Iowa Gold Mine. Peck 50 cts., $\frac{1}{2}$ bus. 75c., 1 bus. \$1.50., 2 bus. \$2.75.

Improved Leaming. Ripening in 80 to 100 days from planting; surpassing the Yellow Canada and Flint varieties in earliness, productiveness and quality. It is extra-early, and not a hard, flinty Corn. The ears are large and handsome, with deep, large grain, orange-yellow color and small red cob. Stalks medium size, tapering gradually, producing 2 good ears each, and husks and shells very easily. Prices same as Iowa Gold Mine.

Champion White Pearl. The stalk is short and thick; the ear grows low on the stalk, from 7 to 12 inches in length, almost parallel throughout, of medium size, averaging 16 rows of grains. The grains are pure white, very deep, compact and heavy. Two grains will more than span the cob. The cob is small. By a test 70 ears weighed 87 $\frac{1}{2}$ lbs., of which the cobs weighed only 7 lbs. It makes a superior quality of Corn meal, and grades No. 1 white in market. Matures early. We recommend it highly. Prices same as Iowa Gold Mine.

Pride of the North. This is one of the earliest dent Corns in cultivation. It has been grown farther north than any other dent Corn we know of, and matured a crop. When planted in Illinois on the 4th of July, it has fully matured before frost. It can be planted twice as thick in the hill as large Corn, and at the same time bear a full-sized ear. This is a small dent Corn, and matures in 80 to 90 days. The stalk is short and thick, and frequently bears 2 good ears. The ear is from 7 to 10 inches in length, and $1\frac{3}{4}$ inches in diameter; the grain is of a deep yellow color, is long, thick, and narrow, and of a very oily nature; the cob is very small and red. Peck. 50 cts., $\frac{1}{2}$ bus. 75 cts., bus. \$1.50.



Champion White Pearl.

Elliot. We are the only firm that has this Corn to offer. It is a product of Muscatine Island, and, therefore, is well suited for all regions in this latitude. It is a medium flint, deep yellow in color. It is easy on the soil, as it does not grow a thick stalk, but is a wonderful yielder. Stalks grow thick as the base of the thumb, producing fully as many ears and as much in weight as 2-inch stalks of other sorts. Matures in 90 days. It is compact and heavy. Peck 50 cts., $\frac{1}{2}$ bus. 75 cts., bus. \$1.50, 2 bus. \$2.75.


Early Mastodon. A great yellow field Corn. Early Mastodon will be found to combine large yield, large grains and extra earliness to a remarkable degree—better than any other variety. It originated with Mr. C. S. Clark, of Ohio, probably the largest grower of field and sweet Corn for seed purposes in America, as Mr. Clark ships annually seed corn by the hundred carloads. Mr. Clark grows every variety of Corn known to the American public, and in Mastodon he claims to have the best of all. Peck 60c., $\frac{1}{2}$ bus. \$1.25, bus. \$2, 2 bus. \$3.50.

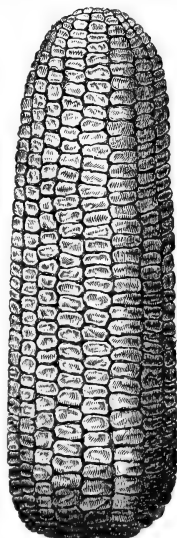
King of the Earliest. This Corn is known to some as "Friedli 80-day Corn." We have sold it for several years, and always with the most satisfactory results. It is no experiment, nor a fancy, high-priced Corn. We could have sold many hundreds of bushels more of it last year if we had not been flooded with orders and our stock exhausted before the season was well on. It is a sure crop for late planting. It is not large, of medium size. A deep yellow and a dent variety. If you want to re-plant, it is of great value. Peck 50 cts., $\frac{1}{2}$ bus. 75 cts., bus. \$1.50, 2 bus. \$2.75.

SWEET CORN.

Improved Stowell's Evergreen. This long established and well-tried variety is more largely planted than any other for a main crop by private families, market gardeners and canners. It can be

planted as early in the spring as any other, and for a succession of crops can be planted as late as July 4. By planting late, good boiling ears can be ready for market late in the fall, when the frost has killed the leaves and outer husks. Peck 50 cts., $\frac{1}{2}$ bus. 80 cts., bus., \$2.

 We will not, under any circumstances, send seed unless the full price here named is sent with the order.



*Stowell's
Evergreen.*

King of the Earliest.



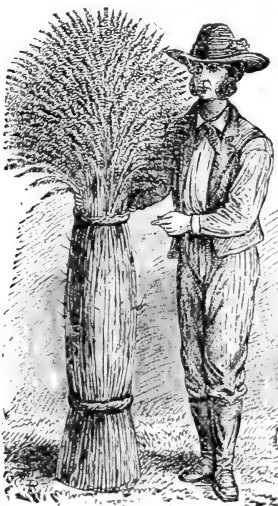
SWEET CORN, continued.

Mammoth Late Evergreen.

This produces the largest ears of any sweet or sugar Corn—a single ear sometimes weighing as much as two or three pounds. It ripens somewhat later than Stowell's Evergreen; yields heavily on rich soil; is very sweet, juicy and fine eating. This variety is largely used by canners, as it will produce immense crops when highly manured. Peck 75 cts., $\frac{1}{2}$ bus. \$1.35, bus. \$2.25.

OATS.

White Bonanza. There is no Oat ever planted that has given such universal satisfaction as the White Bonanza. From every state and territory of the Union from Maine to Oregon, glowing reports come regarding the earliness, vigor and yield of White Bonanza. Its strong points are many; its yield everywhere astonishing. It is an early Oat, ripening quickly and maturing full, plump kernels. We have had in our store one half bushel of the Bonanza Oats that weighed 26 pounds. They were not taken care of for seed—they were a part of 900 bushels raised in this county for a general crop, and all held out in the above weight. The farmer paid the thresher for 500 bushels, and they weighed out 900 bushels, which proves their solid character. Sack with 2 bus., \$1.50; 10 bus. or more, 65 cts. per bus.



White Bonanza Oats.

Golden Giant Side Oats.

Were offered for the first time in this country in 1889, and all reports so far received have been of a most favorable character. Coming originally from one of the most celebrated French agriculturists, it has been demonstrated most conclusively that the new Giant Side Oats are as equally desirable for cultivation in this country as in France. The experiment station at the Iowa Agricultural Station, Ames, Iowa, says: "The Giant Side Oat is a promising variety. The heads are unusually long and heavily laden. The stem grew tall and heavy and stood up well." Sack with 2 bus., \$2.



Golden Giant Side Oats.



The Lincoln Oat. The Lincoln Oat was introduced in 1893, and it has proved itself the most popular of any Oat yet introduced. We have had many years' experience in the growth of all the standard and newer varieties of Oats, and we thoroughly believe the Lincoln Oat is the best Oat now before the American people. The Lincoln Oat is very productive, having in all instances yielded more to the acre than any other sort grown in the same locality. We have original seed stock. Per lb., 25c., peck 40 cts., bus. \$1.25.

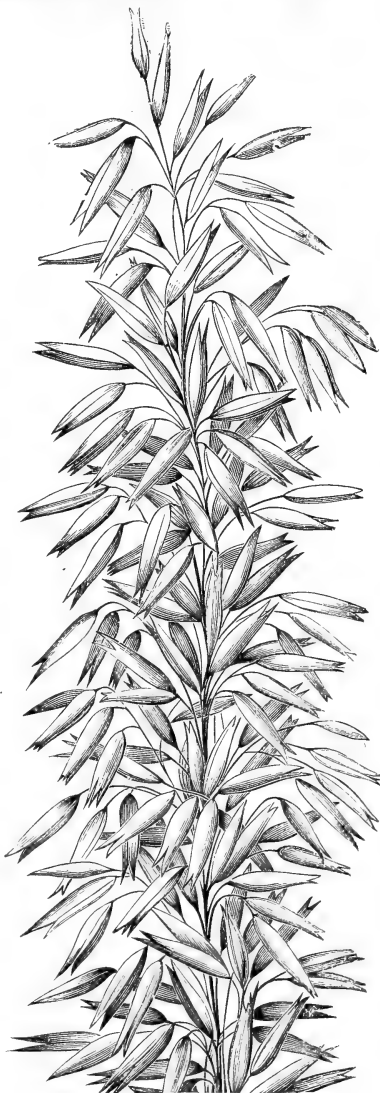
The Negro Wonder Oat. There has of late years been a lively demand for a good black or gray Oat, but those sent out by the trade generally have not given the best of satisfaction, owing to the fact that, as a rule, black Oats seem to be deficient in strength of straw. This difficulty seems to have been entirely overcome in the Negro Wonder Oat. The Negro Wonder may properly be called a gray Oat, and to those who want an Oat of this character, we strongly recommend its purchase. Price, per lb., postpaid, 25 cts, peck 50 cts., bus. \$1.50, 2 bus. \$2.50, 10 bus. \$12, bags included.

BUCKWHEAT.

New Japanese Buckwheat. The Japanese Buckwheat is entirely distinct from all other varieties. The kernels are at least double the size of those of any other variety, and of a shape peculiar and distinct from all others. The color of the kernel is also most distinct, being a rich, dark shade of brown. The straw is heavier, branches more, and does not need to be sown as thickly as the other kinds. The flour made from it is equal in quality to that of any other Buckwheat; it is enormously productive, having yielded 40 bushels of good seed from half a bushel sown. On account of its earliness it can be grown further north than any other. Peck 40 cts., $\frac{1}{2}$ bus. 70 cts., bus. \$1.25.

Silver-Hull Buckwheat. This valuable variety originated abroad, and is a decided improvement on the old black or gray sort. Sown at the same time as common Buckwheat, under same conditions, matures a few days earlier, continues longer in bloom, and yields double the quantity. Price same as for Japanese.

TESTING.—All seeds are carefully tested, and nothing sent out which we do not believe to be good in every respect.



Negro Wonder Oats.

WHEAT.

Saskatchewan Fife Spring Wheat. From Charles A. Pillsbury, of the Pillsbury Flouring Mills (daily capacity 7,500 barrels, requiring 36,000 bushels of Wheat): "I consider it the best and purest Fife Wheat to-day in the Northwest. No such milling Wheat has been received at our mills since we have been in the milling business." The highest known authorities on milling pronounce it to be the most valuable milling wheat in the world. Bus. \$1.50.

Velvet Chaff Blue Stem Spring Wheat. This Wheat is a distinct variety from all other Spring Wheats. It is a bald, white chaff, and the chaff has a velvet-like surface, peculiarly distinct from other Wheats. Also the stem, just below the head, when green, has a beautiful blue bloom on it, just similar to the bloom on a grape, and which can be removed by passing the finger over the stem. This bloom entirely disappears as the Wheat ripens, and then the stem and straw assume a beautiful golden yellow hue, and entirely free from rust. The Wheat kernel is of the hard variety, quite similar to the renowned Scotch Fife, but much more productive, and equal to any Spring Wheat for milling. Bus. \$1.50.

BARLEY.

Manshury. This grandest, healthiest, most prolific, heaviest stooling, yes, the very best six-rowed Barley sort grown, with kernels plumper, fuller than the best Scotch Barley; while, for malting, it is the very best known. It is early in ripening, which helps it to fill well, thus it always fills plump. It is six-rowed, has a strong, upright straw, and yields from 50 to 70 bushels per acre. The heads of this Barley are very long, and contain from 75 to 100 great, plump, heavy kernels of grain. Prof. Henry, of Wisconsin Agricultural College, in his report says: "The Manshury still heads the list in productiveness." Peck 40c., bus. \$1.10, 2 bus. \$2.

SPRING RYE.

Is an excellent catch crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. If it is not desirable to allow it to grow and mature seed, it can be turned under and made to answer a good purpose in adding to the fertility of the soil. $\frac{1}{2}$ bus. 75c., bus. \$1.25.

NEW RUSSIAN FLAX.

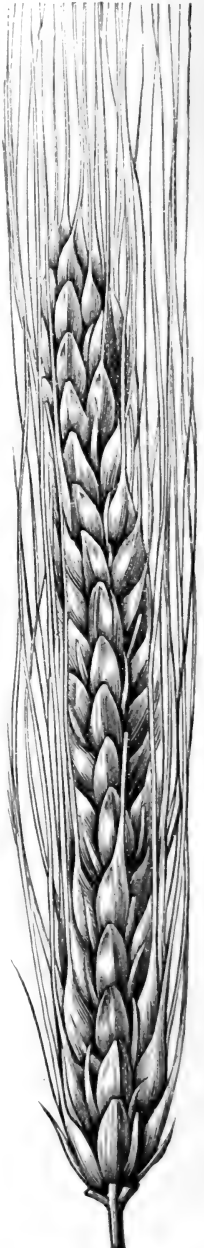
A great improvement over the common American Flax. Besides its fine appearance, it is sure to command a higher price in the market; thoroughly cleaned, and freed from objectionable material. A little extra money invested in *fine seed* will be returned many fold in the crop. Lb., postpaid, 20c., peck 75c., $\frac{1}{2}$ bus. \$1, bus. \$1.85.



Saskatchewan Fife Spring Wheat.



Velvet Chaff Blue Stem Spring Wheat.



Manshury Barley.

GRASS AND CLOVER SEED.

We are Western Headquarters for Grass and Clover Seed.

No firm in the west takes the pains with their Grass and Clover seed that we do. We have been at it 25 years. Our retail trade in Timothy and Clover alone from our retail store direct to the farmers amounts to from 1,500 to 2,000 bushels every year. Until our stock is exhausted, we will sell at the following prices:

CLOVERS.

(60 lbs. to the bushel.)

Common Red Clover. The common Clover in general cultivation; grows $2\frac{1}{2}$ feet high, and is the best for hay. Makes excellent pasturage when sown with grasses, and is one of the best fodders for milch cows and sheep. When used alone, sow about 10 lbs. per acre. This is Iowa grown, and in vigor, stooling qualities and large yield of leaves, it beats Chicago Clover fully 50 per cent. Peck \$2.25, $\frac{1}{2}$ bus. \$4, bus. \$7.

Mammoth Red Clover. To the farmer who raises hogs, this is absolutely the most profitable Clover to sow. It grows luxuriantly, often 6 feet tall, and is eagerly eaten by hogs, and not only eaten, but is a wonderful fattener. It is very permanent, and does not freeze out as easily as the common red Clover, though for hay it is not as good. Sow 10 lbs. per acre. Same price as Common Red.

Alsike, or Swedish Clover. The most hardy of Clovers; resists the severest cold and extremes of drought and wet; heads round, flesh-colored, very sweet and fragrant, liked by bees; yields abundantly; excellent for hay or pasture, especially for lands liable to wash. The advantages it possesses over every other variety of Clover are: its perennial or permanent character; its hardiness, for no winter will kill it; its capability alike of resisting the extremes of drought and wet; the much greater weight of herbage it produces during the season, and the certainty of a plant when all others fail. The most prominent advantages of the Alsike Clover over the common red variety are: that it does not heave out of the ground in spring with the frost, and consequently it can be sown on damp ground with good results. It makes finer and better hay, for the stalks are not so thick and woody as those of red Clover. Very short crop this year. Per lb., postpaid, 30 cts., peck \$2.50, $\frac{1}{2}$ bus. \$4.50, bus. \$8.

White Dutch. A low, close-growing species; round, white heads, very fragrant; best adapted to moist soils, but does well on dry land. Excellent for sowing with Blue Grass for pasture. Sow in spring. Lb., postpaid, 40 cts.

Alfalfa Clover. The most valuable forage plant, particularly adapted for our western climate and soil. It requires a deep, mellow soil; newly broken sod does not do so well. It thrives best on a sandy loam, the richer the better, while it has not proved a success on heavy, compact, clay soil. In the driest and most sultry weather, when every blade of grass withers, Alfalfa is as fresh and green as in the spring, as its roots go down from 10 to 20 feet to the moisture of the ground. The seeds ripen to perfection, and are a source of considerable wealth to our farmers. If intended to raise Alfalfa for seed, 12 to 15 lbs. is plenty to sow one acre. The seed has to be saved from the first crop, as the second or third cutting does not mature evenly. It is worthy of a trial in any locality where it has not already been tested. Sow 25 lbs. to the acre. Lb., postpaid, 30 cts., peck \$2, $\frac{1}{2}$ bus. \$3.50, bus. \$6.



Common Red Clover.



Alsike, or Swedish Clover.

Esparsette, or Sainfoin. Flowers in July. It belongs to the same family as the Alfalfa, well-known to all our western people. It is adapted for light, chalky soils, sands, gravels and barren regions, where the rainfall is not plenty and irrigation not obtainable. It is not as long-lived a plant as Alfalfa, but will last from 10 to 12 years, according to nature of the soil; by judicious top-dressing of manure in the fall, the duration may be extended a few years. It is an excellent forage plant, and very materially improves the quality and increases the quantity of milk when fed to milch cows. Sow 40 to 45 pounds per acre. Lb. 25 cts.



Esparsette, or Sainfoin Clover.

Crimson Trefoil Clover.

This is an annual variety. In common use in Italy and the south of France for feeding green. It is also grown largely and successfully in Virginia, where it is called "German Clover," and we think it would do well here in our western states. It is from 2 to 4 weeks earlier than Red Clover, and for this reason very desirable. The yield in fodder is immense, and, after cutting, it at once commences growing again, and continues until severe, cold, freezing weather. It grows about one foot high: the roots are nearly black; leaves long; blossoms long, pointed and of a very deep red or carmine color. Makes good hay. Sow in the fall, 10 lbs. of seed per acre. Lb., postpaid, 25 cts., peck \$1.25, bus. \$3.50.

GRASS.

Kentucky Blue Grass.

(Extra clean.) 14 lbs. to the bushel. As a grass for woodland pastures or lawns it is superior to all other kinds. On good soil it forms a thick mat of blades that affords excellent pasturage through the entire winter. It is a perennial, and does not become perfect and vigorous until the second or third year. It succeeds best on limestone lands. In conjunction with white clover it forms a very superior lawn, and for this purpose an extra quantity of seed should be sown. Sow broadcast on freshly prepared

land in August September or October, or on winter grain or pasture in the spring, 1½ or 2 bushels to the acre. Lb., postpaid, 30 cts., peck 75 cts., ½ bus. \$1., bus. \$1.75.

Red Top Grass. (Choice.) 14 lbs. to the bushel. This is a good, permanent grass, well adapted to wet lands, although it will grow with luxuriance on almost any soil, whether wet or dry. It is the best grass that can be sown on washy lands for holding the soil. In most sections it is highly appreciated for hay, succeeding clover and timothy when they have dried out. It is a good forage plant when kept fed close. It never grows so coarse or hard but that the stalk is sweet and tender. It should enter largely into a mixture with other grasses. Sow broadcast in fall alone on fresh land, or in the spring on grain, 1½ bus. to the acre. Extra-clean seed. Lb., postpaid, 25 cts., ½ bus. \$1., bus. \$1.50.

Timothy. (Strictly pure.) 45 lbs. to the bushel. This grass is most commonly cultivated for hay, and for that purpose it probably surpasses all other grasses in cultivation. It thrives best on deep, moist, loamy soil, but is not so well suited to sandy or light soil, though land that will produce other crops in fair and reasonable quantities will grow Timothy. Sow broadcast in September, October or November, or in the spring, $\frac{1}{4}$ bushel to the acre. Our Timothy is from this (Muscatine) county. It is as pure as the best of attention and the finest of cleaning mills can make it. There are positively no foul weed seeds in it. Peck \$1, $\frac{1}{2}$ bus. \$1.75, bus. \$3.

German Millet. It should be sown or planted about June 1, and will then do to harvest after the wheat crop has been secured. If for fodder, sow on rich ground and cut before the seed is ripe. One of the best crops known for cutting and feeding green for soiling purposes, since its yield is large, its leaves juicy and tender, and much relished by milch cows and other stock, making a palatable change from hay. No better food can be found for poultry and swine, but is not equally well regarded as food for horses, but like flax seed, when fed in moderate quantities gives good results. Ground and fed to calves or young stock it is *par excellence*. Where labor is more of a consideration than acreage, German Millet is an especially economical crop. Another good quality is, it leaves the land clean, its vigorous growth crowding out the weeds. Bus. \$1.25.

Choice Hungarian Grass. A popular forage grass in dry seasons; it endures drought remarkably well. It may be sown after hay is cut, and will mature a crop the same season. Stalk leafy, 2 to 4 feet high, with slender heads. 48 lbs. to the bushel. Sow half a bushel per acre. Cut when in blossom, and cure the same as clover. Write us for special prices, stating the quantity wanted. Bus. \$1.

SUGAR CANE.

Improved Minnesota Early Amber. Get pure seed of the Improved Minnesota Early Amber. When planted between the 1st and 10th of May, the seed almost invariably ripens, yielding from 20 to 25 bushels of seed, and 140 to 240 gallons of syrup to the acre. Its earliness adapts it to almost every section, having been raised with great success in latitude 44 degrees, 30 minutes, and has given entire satisfaction wherever introduced. Prices, post-paid, lb. 15 cts., 5 lbs. 60 cts., 10 lbs. 90 cts.




Crimson Trefoil Clover. (See page 22.)


We are centrally located, and can get seed to you quickly.





Hungarian Grass. (See page 23.)

very heavy weight per acre, and keeps sound and good until late in the spring. From reports received from those who have grown our Prize Winner, we do not hesitate to say that we possess the handsomest and best stock of purple-top Ruta-Baga in cultivation. Price, postpaid, $\frac{1}{2}$ lb. 35 cts. lb. 50 cts.

 We will not, under any circumstances, send seed unless the full prices here named are sent with the order.

 Don't overlook our Premium List. Every article offered is first-class, and will be sent at once upon receipt of order.

 Don't fail to try a pound at least of the "New Moon" Potato; from that you can get your seed for next year.

 One bushel of Lincoln Oats will give you a start for next year.

Early Orange Sugar Cane. A later variety than Early Amber, more suitable for the south, lower middle and western states. Requires a longer season to ripen, but is much larger and lankier in growth, yielding about 25 per cent. more, and is much more juicy than any other variety. Price same as early Amber.

SUNFLOWER.

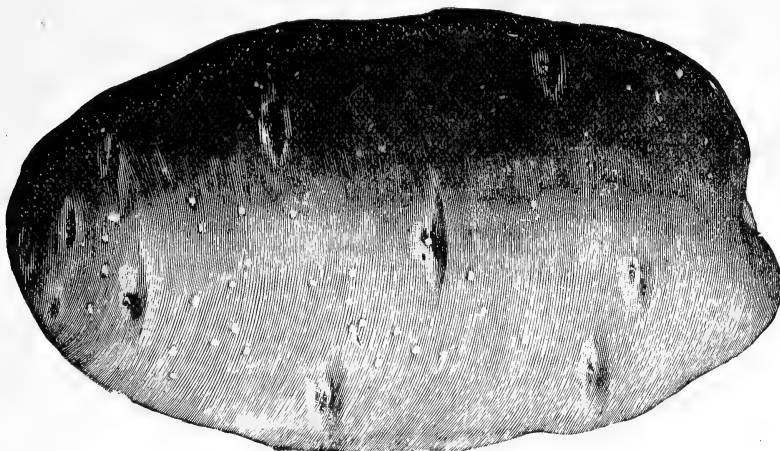
Mammoth Russian. Single heads measure 12 to 22 inches in diameter, and contain an immense quantity of seed, which is highly valued by all farmers and poultry breeders who have tried it, as an excellent and cheap food for fowls. Price, postpaid, lb. 20 cts., 5 lbs. 60 cts., 10 lbs. \$1.

RUTA-BAGA.

Prize Winner. Prize Winner is a purple-topped variety, growing to a large size, with a single tap-root and very small and fine top, short neck, smooth and symmetrical. It has a remarkably robust constitution, and is a certain cropper, and where left in the ground, has stood the severe test of the hardest winters better than any other variety. It produces a



Timothy. (See page 23.)

*Early Ohio.*

CHOICE SEED POTATOES.

It will pay you well to change your seed this year. The following are the most desirable varieties we have found for this state, and most of them will doubtless be highly satisfactory to our customers elsewhere. Order as early as possible, stating whether you desire them shipped by express or freight, and we will ship as soon as the weather permits. At prices named we make no charge for boxes, barrels or drayage. When to be shipped over more than one line of railroad, purchasers should make arrangements to have them go prepaid, so as to avoid delay. All of the following varieties will be found worthy of a place in any garden.

'RISH POTATOES.

Our Irish Potatoes we have grown for us in the northern states, by experienced growers, and after having sold northern grown Potatoes for several years, we know positively by experience that they will do far better here than our home-grown Potatoes. They come in earlier and yield much better. Try our northern grow once, and you will be convinced of the above facts. Seed Irish Potatoes are subject to constant fluctuations in price. Early varieties are very scarce, particularly Early Ohio. If you will write to us we will name bottom prices on standard kinds. Write for prices. At the pound price we will send them by mail, prepaid. At the peck or bushel rate they will be sent by express or freight, at expense of purchaser.

Everett's Early Six-Weeks Market Potato. Still unequalled. The wonderful Six-Weeks Market Potato. Without exception the earliest Potato in existence, and the most valuable for market gardeners, truckers, and all early market purposes. A perfect table Potato, and a wonderful yielder. Introduced in 1890. Ready for market in 6 weeks. Matures in 72 days, 2 weeks ahead of any other variety, and has yielded at the rate of over 600 bushels per acre. Again leads for 1895. Others may equal it in size, quality or productiveness, but in earliness Everett's Six-Weeks Market is unapproached. Prices on application.

Early Ohio. This standard extra-early sort matures about 10 days or 2 weeks before the Early Rose. It is deservedly popular in all parts of our country. Our seed is of good average size, strictly pure, smooth, nice, and free from scab and rot. They were grown in northern Minnesota, about 200 miles northwest of St. Paul. We have been testing Potatoes from that section for several years here in Iowa, and they will positively mature 10 days earlier than other stock grown here, and outyield them 2 to 1. Don't plant Iowa grown when you can obtain these. Pk. 50 cts., bus. \$1.50, 2 bus. or more at \$1.40 per bus.†

Thompson's New Moon. Lb., postpaid, 35 cts., peck 75 cts., bus. \$2.50.

Early Beauty of Hebron. Peck 65 cts., bus. \$1.50.

Early Rose. Choice. Bus. \$1.50.

Burbank. Choice. Bus. \$1.50.

Peerless. Choice. Bus. \$1.50.

Early Sunrise. Choice. Bus. \$1.50.

Early Freeman. (New.) Peck 60 cts., bus. \$2.

Fighting the Insects.



SLUG-SHOT.

Cabbage Worms. Wherever cabbage is grown between Florida and Canada, there is the same trouble—the Cabbage Worm is ever the same destructive creature. And what will stop it? Slug-Shot will do it effectually and thoroughly and safely. Years of experience have proved this in all parts of the country. The cabbage absorbs no poisonous properties from Slug-Shot. The Slug-Shot can be used both lightly and heavily, and the cabbage suffers no detriment. The cabbage forms its head by the in-

terior growth; it throws off its earlier and outside leaves, and no dust or dirt can be enfolded in any way within its head.

Slug-Shot kills Potato Bugs, Currant Worms, Cabbage Worms, Tomato Worms, Tobacco Worms, Cotton Worms, Span Worms, Army Worms, Canker Worms, Pear Tree Slugs, Raspberry Slugs, Rose Slugs, Strawberry Slugs, Squash Bugs, Water Bugs, Bed Bugs, Mealy Bugs, Codling Moth, Plum Curculio, Striped Flea Beetle, Red Spiders, Snout Beetle, Cranberry Grasshopper, Cucumber Flea Beetle, Rose Lice, Dog Lice, Cattle Lice, Hen Lice, Wood Lice, Rose Leaf Hopper, Grape Leaf Hopper, Tussock Moths, Buffalo Moths, Clothes Moths, Grape Vine Flea Beetle, Elm Leaf Flea Beetle, Zebra Caterpillar, Apple Aphid, Plum Tree Aphid, Scurfy Bark Louse, Oyster Shell Louse, Yellow-necked Caterpillar, May Beetle, Black Peach Aphid, Black Flea, Strawberry Root Worm, Cockroaches, Scale on Willows, Scale on Lemons, Icerya, Orange Rust, Gypsy Moths, Cut Worms. Price of Slug-Shot, freight or express charges to be paid by purchaser: 1 lb. 10c.; 5-lb. packages 25c.; 10-lb. packages 55c.; bbl. of 250 lbs. 4c. per lb.

SPRAYING TREES AND VINES.

Only a few years ago spraying fruit trees was unheard of, but so destructive have insects enemies become that the application of effective remedies is now a fixed necessity.

THRIP JUICE NO. 1.

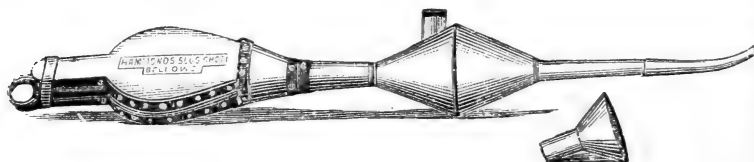
The cheapest and most effectual remedy for destroying leaf-eating and suctional insects, Thrip Juice No. 1 (Arseniated), is strongly concentrated insecticide, and a little of it goes a long way. The proper portion of Thrip Juice can be mixed with a barrel of water ready for use instantly. It will not settle after being diluted, nor will it injure the hands or clothing. It can be applied very rapidly. Its cost is the small fraction of a cent per gallon when diluted and ready for use.

Price, ½ pint can Thrip Juice	Ncs. 1 or 2	\$0 30
" 1 " "	" "	50
" 1 quart "	" "	70
" 1 gal. "	" "	2 00
" 5 " keg	" "	9 00
" 10 " "	" "	15 00
" 20 " "	" "	29 00



THE COMPLETE GARDEN BELLOWS.

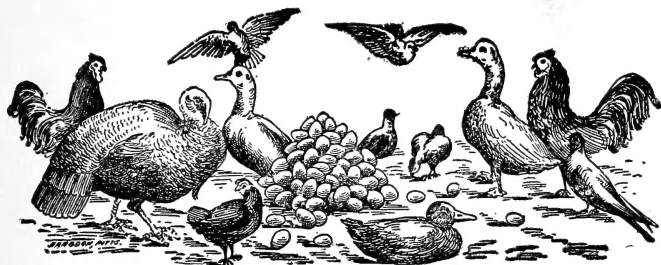
This instrument is for use among roses, shrubs and small trees. It is strongly and neatly made, substantial in all its parts. The tubes are sectional. You can get under the leaves, over



the leaves or sideways. You can reach the spot every time, sending Slug-Shot or Grape Dust just where it will do the most good. Price, \$1.50.

THE BEST WATERMELON GROWN IS THE ...DUKE JONES...

☞ This melon is an improvement on the Jones and Jumbo melons. It is very much the same shape as the Kolb Gem, but grows to much larger size, is of delicious flavor, and is a sure favorite wherever grown. Dark green rind, bright red flesh; early, prolific, very large. It has all the good qualities of a perfect melon. We sold a few of the Duke Jones seed last season in this locality, and they were by far the *largest* and *best* melons brought into this market. Every grower that tried them is enthusiastic in their praise. Ours is pure stock seed from the originator. Prices on the Duke Jones will be strictly adhered to. $\frac{1}{4}$ lb. 35 cts., $\frac{1}{2}$ lb. 60 cts., 1 lb. \$1; 10-lb. lots, 85 cts. per lb.; 25-lb. lots, 70 cts.; 50-lb. lots, 65 cts.; 100-lb. lots, 60 cts.



BONE MEAL ...FOR... POULTRY.

Express or freight charges to be paid by purchaser; 5 lbs. 25 cts., 10 lbs. 40c., 25 lbs. 90 cts., 50 lbs. \$1.50.

CRUSHED OYS- TER SHELLS.

Prepared from oyster shells thoroughly washed. 10 $\frac{1}{2}$ lbs. 30 $\frac{1}{2}$ cts., 25 lbs. 50 cts., 50 lbs. 85 cts., 100 lbs. \$1.50, per ton (2,000 lbs.) \$25.

HALE'S PERFECT MOLE TRAP.

This cut represents the most perfect and successful Mole Trap ever invented. The construction is such that it will catch Moles when quite deep in the ground, and there being no obstruction projecting into the run, there is nothing to frighten or disturb the mole as it passes, and in doing so, raises the ground over the run just enough to spring the trigger. Full directions accompany each trap. \$2.

GARDEN TOOLS.

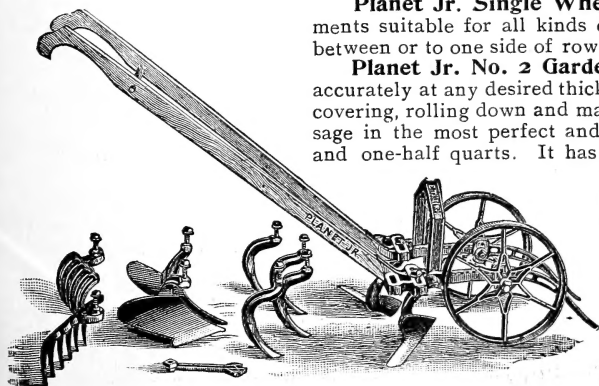
Planet Jr. Horse Hoe.—Undoubtedly the best of all implements or this kind in the market; has expansion lever for opening and closing the side gangs; also a lever for changing the depth. The handles may be set to one side for cultivating grapes, raspberries, blackberries and all crops liable to be broken down by being struck by the handles. Complete, \$8.

HAND CULTIVATORS.

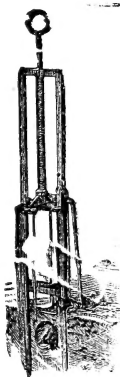
Planet Jr. Double Wheel-Hoe—Has the invaluable feature of tending both sides of the row at once; it has a pair of hoes, a pair of plows, cultivator teeth, rakes and leaf lifters, making it capable of every variety of gardeners' work. \$7. *Mole Trap.*

Planet Jr. Single Wheel-Hoe has a variety of attachments suitable for all kinds of work; wheel can be set to go between or to one side of row. \$5.50.

Planet Jr. No. 2 Garden Drill.—Sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row all at one passage in the most perfect and reliable manner. It holds two and one-half quarts. It has no cams, covers, brushes, cogs, shakers or springs to get out of order. It is noiseless, automatic, self-cleaning and accurate; remarkable for simplicity, strength and for ease and perfection of work in the field. Boxed, \$7.50.



Planet Jr. Double Wheel-Hoe.



We are centrally located, and can get seed to you *quickly*.

THE "HENDERSON" LAWN GRASS SEED.

The Purest, Cleanest and Heaviest Lawn Grass Seed Ever Offered.

That the "Henderson" is the finest mixture of Lawn Grass Seed ever offered, the immense quantities we annually sell is the best proof we can offer. It is the best lawn seed for our American climate, and is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep velvety green lawn is constantly maintained. The "Henderson" Lawn Seed is as we now offer it, is unequalled. With it a new lawn, thick, velvety and green, may be had in three months' time. For a new lawn one quart is sufficient to sow 300 square feet. Qt. 30 cts., 2 qts. 50 cts., 4 qts. \$1, postpaid.

J. I. CASE-KEELER SEEDER.

COMBINED MACHINE.--Eight Practicable and Durable Tools in One.



Hand and garden tools have heretofore been considered of no use to a farmer, but in this new tool will be found one, the adaptability of which to all kinds of work is its chief recommendation. It is useful for the farmer, the florist, the gardener and the nurseryman.

The diversity of crops of this country requires a device that will handle successfully corn, peas, beans, beets, sorghum, turnips, cabbage, wheat, oats, timothy, clover, celery, spinach, onions, salsify, parsnips, etc., and the J. I. Case-Keeler Seeder will do it.

It is offered as the most perfect drill and combined machine in the market, and is really the only planting device that will drill in a continuous row, or plant in hills any distance apart any kind of garden or field seeds without friction or injury to the seeds. It will positively neither cut, scrape, rake nor split the seed.

The seed index is very simple and accurate, and can easily be adjusted, as can also the drill tooth, enabling the operator to plant seed with regularity to any desired depth. The covering arrangement is perfect.

The seeder attachment can be completely removed, leaving the frame ready for the various cultivating attachments, which, when adjusted, make the most complete tool in the trade.

PRICE LIST.

J. I. Case-Keeler Seeder, Combined Machine . . .	\$12 00	Plow, wheel, handle and frame	\$4 50
J. I. Case-Keeler Seeder, wheel, handle and frame . . .	9 00	Cultivator, wheel, handle and frame	4 25
Double Hoe, wheel, handle and frame	4 50	Double Infant Plows, wheel, handle and frame . . .	4 75
Combined Double Hoe, wheel, handle and frame . . .	5 25	Combined Cultivator and Infant Plows	5 25
Double Rake, wheel, handle and frame	4 25		

Complete illustrated and descriptive Price Catalogue sent to any address on application.

WILSON BROS.' BONE MILLS.

We are state agents for these celebrated mills. They are hand mills and the most complete success for crushing oyster shells, grinding bone meal, and all kinds of grain. One peck of shells can be crushed in fifteen minutes. They are made in the best manner, and will last for years. It is a complete family grist mill. Price, delivered on cars, \$4.50. Wilson family grist mill at same price.

LANG'S HAND WEEDER.

Lang's Weeder is one of the best of this class; allows use of hand while working. By mail, postpaid, 25 cts.

FERTILIZERS.

Fine Raw Bone for all kinds of berry vines, fruit trees, etc., especially when used on heavy clay lands. Analysis: Ammonia, 4 per cent.; bone phosphate, 50 to 55 per cent. Put up in 200-lb. bags, at \$4.25 per bag.

Garden City Super-Phosphate.—This is used with great satisfaction and largely increased crops for peas, beans, sweet corn, watermelons and nutmegs, tomatoes, sweet and Irish potatoes. Analysis: Ammonia, 3 per cent.; bone phosphate, 25 per cent.; available phosphoric acid, 9 per cent.; sulphate potash, 2 per cent. In 200-lb. bags, at \$3.60 per bag; per ton of 2,000 lbs., \$35.

Twenty-Six Dollar Phosphate.—Used for corn, potatoes and grain, and as a general fertilizer for worn out soil has no superior. Analysis: Ammonia, 2 per cent.; phosphoric acid, 8 per cent.; bone phosphate, 20 per cent. In 200-lb. bags, at \$3.40 per bag; per ton of 2,000 lbs., \$30.

Also Florists' Plant Food, Lawn Fertilizer, Guano and Challenge Corn Grower. Prices given on application.

Pruning Shear and Sheep Toe Clipper.—This is the genuine *Henry* shear; no other as good; many are offered that are not worth the postage. One price, postpaid, 60 cts.



30¢
BY MAIL
PREPAID

PREMIUMS.

We offer below a number of articles of merit, every one of which retails at a price we name. We want to make it an object for you to see your neighbor and have him order seeds with you, so that you can send in large orders, and thus receive the seeds at reduced prices. Please understand, this applies only to the Vegetable and Flower seed list and does not include the special prices made on collections and discounts.

PREMIUM NO. 1, ORDER NETTING \$1.50.

You are entitled to one of the following articles:

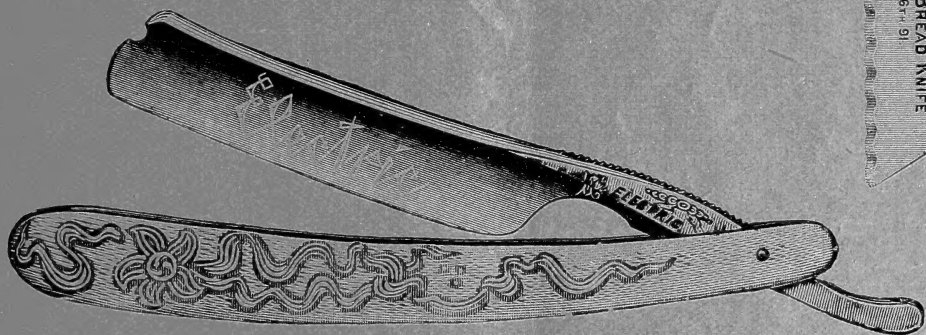
	Price
1 Lang's Hand Weeder	\$0 25
1 Excelsior Weeding Hook	25
1 Cleive's Garden Trowel	25

PREMIUM NO. 2, ORDER NETTING \$4.

1 Set Cristy Knives, bread, cake and paring knife	1 00
1 Stockman's Pocket Knife, 3 blades; fine	1 00
"American Gardening," 1 year	1 00
Switcherland Timothy and Clover Seed Sower	1 25
1 "Electric" Razor, No. 226	1 25

PREMIUM NO. 3, ORDER NETTING \$7.

1 Hale's Perfect Mole Trap	2 00
1 "Electric" Razor, extra fine, No. 102	2 50
1 Set Carving Knife and Fork, best quality	2 25
1 Set Ladies' "Household Friend," consisting of 1 pair large shears, 1 pair small scissors, 1 pair buttonhole scissors, all of the finest quality	2 50



Design Patented, August 28th, 1891.

All Who Cultivate

FRUITS FLOWERS VEGETABLES

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AMERICAN GARDENING

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Work in each written specially for the amateur; The Orchard; Small Fruits; Spraying Mixtures and Devices; Ornamental Gardening; and Woman's Realm, a special feature for the ladies. Our Question Box is open to all, free to all, and as broad as necessity. It is, without doubt,

IT deals practically with Fruits and Vegetables, Trees, Shrubs and Flowers, and covers the field of horticulture systematically and thoroughly. It illustrates and describes methods of cultivation, improved varieties and labor-saving devices.

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A Gardening "Clock" and Calendar for 1895 FREE to each new yearly subscriber. The "Clocks" give the main operations for the year, and there are three of them - Fruits, Flowers, and Vegetables. Stat which you want. Address your orders for AMERICAN GARDENING to

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